



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.08.2009 Bulletin 2009/35

(51) Int Cl.:
H04W 48/14 (2009.01)

(43) Date of publication A2:
20.06.2007 Bulletin 2007/25

(21) Application number: **07100420.4**

(22) Date of filing: **03.01.2002**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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(30) Priority: **09.01.2001 US 260599 P**
23.10.2001 US 4477

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(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
02729473.5 / 1 352 532

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(54) **METHOD AND APPARATUS FOR IMPROVING RADIO SPECTRUM USAGE AND DECREASING USER DATA DELAY**

(57) A method provides for operating a wireless communication system having packet data capabilities, and includes steps of: (a) sending a message from a mobile station to a network on a same physical channel that is used to transmit packet data, the message specifying

individual ones of packet system information (PSI) messages that are required for reception by the mobile station; and (b) in response to receiving the message, transmitting only the specified individual ones of the PSI messages from the network to the mobile station over the same physical channel used to transmit the packet data.

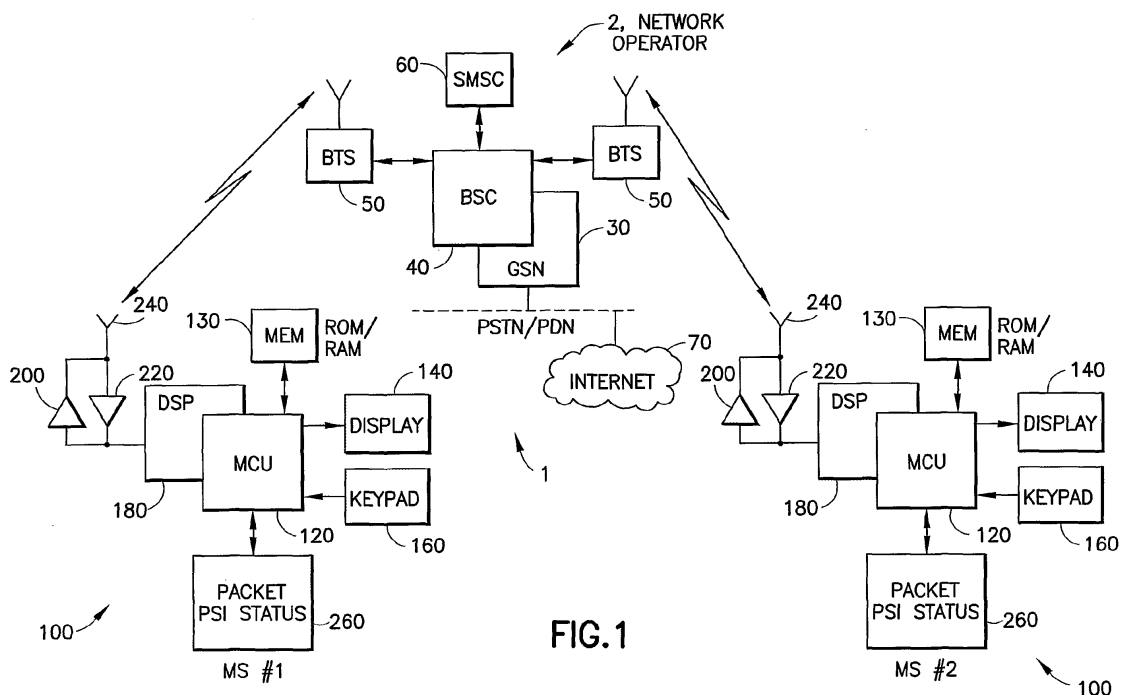


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 07 10 0420

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
D,A	"Digital cellular telecommunications system (Phase 2+); General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/Medium Access Control (RLC/MAC) protocol (3GPP TS 04.60 version 6.10.0 release 1997)" ETSI TECHNICAL SPECIFICATION, 1 October 2000 (2000-10-01), pages 1-221, XP002215989 Sophia Antipolis, France * paragraph [5.5.1.1] * * paragraph [5.5.1.2] * * paragraph [5.5.1.4] * * paragraph [5.5.2.1] * * paragraph [12.2.17] * * paragraph [12.2.18] * -----	1-14	INV. H04W48/14
A	WO 00/79808 A (ERICSSON TELEFON AB L M) 28 December 2000 (2000-12-28) * page 1, line 15 - line 17 * * page 2, line 11 - line 14 * * page 6, line 4 - line 12 * * page 10, line 8 - line 23 * * page 11, line 31 - page 12, line 5 * -----	1-14	TECHNICAL FIELDS SEARCHED (IPC) H04W
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 20 July 2009	Examiner Rothlübbers, C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 07 10 0420

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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20-07-2009

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EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82